

WHAT IS CLAIMED IS:

1. A method for operating a conveyor drive for a conveyor independently of a drive for a press station serviced by the conveyor, the method comprising:
generating a position signal related to an operating position of said press station;
5 providing said position signal to a motor controller for operating said conveyor drive;
determining a drive profile for operating said conveyor drive based on said position signal; and
applying said drive profile to said conveyor drive to operate said conveyor drive, wherein said conveyor drive is operated in synchronization with said press station.
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2. A method according to claim 21, further comprising determining at least one of a duration and amplitude of one or more parameters in said drive profile in relation to said position signal.
3. A method according to claim 22, wherein said parameters in said drive cycle include acceleration, deceleration and braking.
4. A method according to claim 21, further comprising:
generating another position signal related to an operating position of said conveyor;
providing said another position signal to said motor controller for
5 operating said conveyor drive; and
determining said drive profile for operating said conveyor drive based on said another position signal.

5. A method according to claim 21, further comprising:
- generating an angular position signal related to an operating position of said conveyor drive;
 - providing said angular position signal to said motor controller for
 - 5 operating said conveyor drive; and
 - determining said drive profile for operating said conveyor drive based on said angular position signal.